



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/626,309	07/26/2000	Yoshio Miyazaki	09812.0688	7899
22852 7590 04/09/2007 FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP 901 NEW YORK AVENUE, NW WASHINGTON, DC 20001-4413			EXAMINER ARMSTRONG, ANGELA A	
			ART UNIT 2626	PAPER NUMBER

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/09/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	09/626,309	MIYAZAKI ET AL.	
	Examiner	Art Unit	
	Angela A. Armstrong	2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments see Remarks filed May 12, 2005, with respect to the qualification of Buchner (US Patent No. 6,535,854) as prior art have been fully considered and are persuasive. The rejection of claims 1-11 under 35 U.S.C 103 has been withdrawn.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1-11 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

4. Claim 1 recites the limitation "said electronic device" in line 8. It is unclear as to which electronic device applicant refers the electronic device recited in line 5 or the unregistered electronic device recited in line 7.

5. Claim 1 recites the limitation "said electronic device" in line 11. It is unclear as to which electronic device applicant refers the electronic device recited in line 5 or the unregistered electronic device recited in line 7.

6. Claim 1 recites the limitation "the preregistered electronic device" in line 10. There is insufficient antecedent basis for this limitation in the claim.

Art Unit: 2626

7. Claim 2 recites the limitation "said electronic device" in line 3. It is unclear as to which electronic device applicant refers the electronic device recited in claim 1, line 5, the unregistered electronic device recited in claim 1, line 7 or the preregistered electronic device recited in claim 1, line 10.

8. Claim 2 recites the limitation "said electronic device" in line 6. It is unclear as to which electronic device applicant refers the electronic device recited in claim 1, line 5, the unregistered electronic device recited in claim 1, line 7 or the preregistered electronic device recited in claim 1, line 10.

9. Claim 4 recites the limitation "said electronic device" in line 4. It is unclear as to which electronic device applicant refers the electronic device recited in claim 1, line 5, the unregistered electronic device recited in claim 1, line 7 or the preregistered electronic device recited in claim 1, line 10.

10. Claim 4 recites the limitation "said electronic device" in line 5. It is unclear as to which electronic device applicant refers the electronic device recited in claim 1, line 5, the unregistered electronic device recited in claim 1, line 7 or the preregistered electronic device recited in claim 1, line 10.

11. Claim 4 recites the limitation "said electronic device" in line 7. It is unclear as to which electronic device applicant refers the electronic device recited in claim 1, line 5, the unregistered electronic device recited in claim 1, line 7 or the preregistered electronic device recited in claim 1, line 10.

12. Claim 5 recites the limitation "said electronic device" in lines 4, 5 and 6. It is unclear as to which electronic device applicant refers the electronic device recited in claim 1, line 5, the

Art Unit: 2626

unregistered electronic device recited in claim 1, line 7 or the preregistered electronic device recited in claim 1, line 10.

13. Claim 7 recites the limitation "said electronic device" in line 11. It is unclear as to which electronic device applicant refers the one of the electronic devices recited in line 4, the unregistered electronic device or the relevant electronic device.

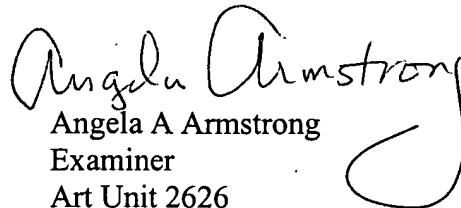
14. Claim 7 recites the limitation "the relevant electronic device" in line 10. There is insufficient antecedent basis for this limitation in the claim.

Art Unit: 2626

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Angela A. Armstrong whose telephone number is 571 272 7598. The examiner can normally be reached on 9:00 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Edouard can be reached on 571-272-7603. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Angela A. Armstrong
Examiner
Art Unit 2626

AAA
April 2, 2007